

Application No. 10/806,977

AMENDMENTS TO THE CLAIMS:

1. (Currently Amended) A method of irradiating a body, comprising:
providing a first head unit having at least a first light source, said at least a first light source including at least a first one of a light emitting diode and a laser;
interconnecting said first head unit to a power supply;
providing information identifying said first head unit to said power supply; and
in response to receiving said information identifying said first head unit, said power supply supplying an output signal having at least a first frequency to said at least a first light source of said first head unit.

2. (Currently Amended) The method of Claim 1, further comprising providing information wherein said identifying information regarding said first head unit is provided to said power supply by said first head unit.

3. (Original) The method of Claim 1, wherein said output signal having at least a first frequency is selected in response to a selection of a first program.

4. (Original) The method of Claim 3, further comprising:
supplying an output signal to said at least a first light source of said first unit having at least a second frequency, wherein said output signal having at least a second frequency is selected in response to a selection of a second program.

5. (Currently Amended) The method of Claim 2, wherein said step of providing identifying information comprises identifying said first head unit includes said first head unit interposing a first resistance in a power supply circuit of said first head unit.

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6. (Currently Amended) The method of Claim 1, further comprising:
providing a second head unit comprising at least a second light source, said second light source including at least a second one of a light emitting diode and a laser;
disconnecting said first head unit from said power supply;
interconnecting said second head unit to said power supply;
providing information identifying said second head unit to said power supply; and
in response to receiving said information identifying said second head unit, said
power supply supplying an output signal having at least a second frequency to said at least
a second light source of said second head unit.

7. (Original) The method of Claim 1, wherein said first head unit includes a number of light sources, wherein an output signal having said first frequency is supplied to a first of said light sources, said method further comprising:
supplying an output signal having a second frequency to a second of said light sources.

8. (Original) The method of Claim 7, wherein said output having a first frequency and said output having a second frequency are supplied to said respective light sources simultaneously.

9. (Original) The method of Claim 7, wherein said output having a first frequency and said output having a second frequency are selected in response to selection of a first output program.

10. (Original) The method of Claim 9, further comprising:
selecting a second output program; and

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in response to said selecting a second output program, supplying output having a third frequency to said first of said light sources and output having a fourth frequency to said second of said light sources.

11. (Original) The method of Claim 7, wherein a first of said light sources produces light having a first wavelength and a second of said light sources produces light having a second wavelength.

12. (Original) The method of Claim 1, further comprising:
starting a timer when said output is initiated; and
after providing said output for a predetermined period of time, discontinuing said output.

13. (Original) The method of Claim 1, wherein said first light source comprises a laser light source, said method further comprising, prior to said supplying an output signal, determining that a key interlock switch is closed.

14. (Currently Amended) A body irradiator device, comprising:
a first head unit, including:
at least one light source;
a circuit operable to communicate an identity signal, wherein said first head unit is associated with a first identifier;
a power supply selectively interconnected to said first head unit, wherein said first head unit provides said first identifier to said power supply, wherein said power supply provides an output signal according to a first program selected to correspond to said first identifier, and wherein said output is provided to said at least one light source of said first

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head unit at: wherein said output has [(a)] at least a first frequency[(;)] and [(b)] is provided for at least a first selected period of time.

15. (Original) The device of Claim 14, wherein said first head unit further includes a number of light sources, wherein said power supply provides an output signal at said first frequency to a first one of said at least one light source, and wherein said power supply provides an output signal at a second frequency to a second one of said light sources.

16. (Original) The device of Claim 14, wherein said at least one light source comprises at least one of a laser and a light emitting diode.

17. (Original) The device of Claim 14, wherein said at least one light source comprises one of a Gallium Aluminum Arsenide laser diode and a light emitting diode.

18. (Original) The device of Claim 14, wherein said light source has an output wavelength of one of 628nm, 635nm, 830nm, and 850nm.

19. (Original) The device of Claim 14, wherein said first frequency within a range from 0.1Hz to 5999.0Hz.

20. (Original) The device of Claim 14, wherein said power supply comprises a display operable to indicate a frequency at which power is being supplied to said at least one light source.

21. (Original) The device of Claim 14, wherein said power supply is battery operated.

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22. (Original) The device of Claim 14, wherein said first head comprises a first circuit element for identifying said first head unit.

23. (Original) The device of Claim 22, wherein said first circuit element comprises a first resistor located within a power supply circuit of said first head.

24. (Original) The device of Claim 23, wherein said first head unit further comprises a power supply switch, wherein said first resistor is in parallel with said power supply switch.

25. (Original) The device of Claim 14, further comprising:
a second head unit, including:

- a light source comprising at least a first laser;
- a power supply switch;
- a key interlock switch; and
- a resistor in parallel with said power supply switch.

26. (Currently Amended) A device for applying light to a body, comprising:
means for generating light;
means for receiving at least a first selected output frequency;
means for receiving at least a first selected output time;
means for storing said first selected output frequency and said first selected output time as components of a first output program;
means for identifying said means for generating light;
means for outputting a power signal at said first selected output frequency and said first selected output time; and

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means for interconnecting said means for outputting a power signal to said means for generating light, wherein said means for generating light is operated at said first selected output frequency for said first selected output time in response to identifying said means for generating light as a first means for generating light associated with said first output program.

27. (Original) The device of Claim 26, wherein said means for generating light comprises at least first and second light sources, wherein first and second output frequencies are received by said means for receiving at least a first output frequency, and wherein said first light source of said means for generating light is operated at said first selected frequency for said first selected output time and said second light source of said means for generating light is operated at said second selected frequency for said first selected output time.